

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,813,029 B1  
DATED : November 2, 2004  
INVENTOR(S) : Michael Lindner

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [57], **ABSTRACT,**

Line 1, delete "The present invention relates to"

Line 2, delete "especially"

Line 3, change "of a measured object:" to -- of a measured object is provided. --

Line 3, delete "(0), having"

Line 3, change "a radiation-producing unit" to -- The device includes a radiation-producing unit --

Line 4, delete "(SLD)"

Line 5, delete "(ST1)"

Lines 5-6, change "Component (T1, T2,)," to -- Component, --

Line 6, change "the first is directed" to -- the first may be directed --

Line 7, change "the measured object (0)," to -- the measured object, --

Line 8, change "reference plane (RSP)," to -- reference plane. --

Line 9, change "having a superposition element" to -- The device also includes a superposition element --

Line 10, change "(RSP) are brought" to -- maybe brought --

Lines 10-11, change "image converter (BS)," to -- image converter --

Line 17, change "is made possible" to -- may be made possible --

Line 18, delete "(OS, OS0)"

Column 1,

Line 5, change "Background Information" to -- Field of Invention --

Line 21, insert heading -- Background Information --

Line 22, change "Such an interferometric measuring device is known" to --Interferometric measuring devices are known --

Line 22, change "German DE 197 21 842 C2." to -- German published patent document No. 197 21 842. --

Line 22, change "of this known" to -- of this conventional --

Lines 39-40, change "German DE 41 08 944 A1" to -- German published patent document No. 41 08 944. --

Line 49, change "J. Mod. Opt.," to -- J. Mod. Opt., (italic) --

Line 53, change "Jahrbuch fur Optik und Feinmechanick," to -- Jahrbuch fur Optik und Feinmechanick, (italic) --

Line 55, change "1998 verwiesen (submitted)." to -- 1998 ( submitted). --

Line 59, change "measurements can be" to -- measurements may be --

Lines 61-62, change "is shown in German DE 197 21 843 C1." to -- is described in German published patent document No. 197 21 843. --

Line 62, change "It is proposed" to -- It is described --

Line 66, change "probe can be" to -- probe may be --

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Column 2,

Line 1, change "can be scanned." to -- may be scanned --  
Line 6, insert heading -- Summary --  
Line 10, delete "This object... claim 1."  
Line 11, change "According to this" to -- According to the present invention --  
Line 18, change "which is long" to -- which may be long --  
Line 19 change "optical probe can be" to -- optical probe may be --  
Line 22 change "is now obtained an advantageous" to -- may be now obtained. an example --  
Line 23, change "embodiment is one" to -- embodiment may be one --  
Line 25, change "optical device is used" to -- optical device may be used. --  
Line 31, change "device can be" to -- device may be --  
Line 37, change "is one in which" to -- may be one in which --  
Line 40, change "are guided through" to -- may be guided through --  
Line 49, change "is that the object" to -- may be that the object --  
Line 51, change "aberrations are" to -- aberrations may be --  
Line 53, change "two embodiment possibilities are" to -- two example embodiment possibilities may be --  
Line 54, change "reference mirror to be provided" to -- reference mirror, provided --  
Line 60, change "arrangement is realized" to -- arrangement may be realized --  
Line 62, change "invention is elucidated" to -- invention is described --  
Line 63, change "basis of exemplary embodiments," to -- basis of example embodiments, --  
Line 64, insert heading -- Brief Description of the Drawings --  
Line 65, change "FIG.1 a first exemplary embodiment" to -- FIG.1 illustrates an example embodiment --

Column 3,

Line 1, change "a second exemplary" to -- illustrates an example --  
Line 4, change "FIG. 3 a design of" to -- FIG.3 an embodiment of --  
Line 6, change "a further exemplary" to -- illustrates an example --  
Line 10, change "a further design example of" to -- illustrates a further example embodiment of --  
Line 12, insert heading -- Detailed Description --  
Line 12, change "FIG. 1 shows" to -- FIG. 1 illustrates --  
Line 15, change "radiation is split" to -- radiation may be split --  
Line 18, change "design is like" to -- design may be like --  
Line 19, change "component is reflected" to -- component may be reflected --  
Line 23, change "German DE 197 21 842 C2." to -- German published patent document No. 197 21 842. --

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Column 3 (cont'd).

Line 28, change "can be used." to -- may be used --  
Line 29, change "light path can be" to -- light path may be --  
Line 31, change "radiation is coupled" to -- radiation may be coupled --  
Line 34, change "object is imaged" to -- object may be imaged --  
Line 38, change "sensor BS is superposed" to -- sensor BS may be superposed --  
Line 46, change "light path is varied" to -- light path may be varied --  
Line 50, change "It is made possible" to -- It may be possible --  
Line 58, change "shows schematically" to -- illustrates schematically --  
Line 59, change "images are created" to -- images may be created --  
Line 67, change "shown in FIG 2." to -- illustrated in FIG.2. --

Column 4,

Line 4, change "device is again:" to -- device may be again --  
Line 16, change "this design is" to -- this design may be --  
Line 18, change "radiation is reflected" to -- radiation may be reflected --  
Line 23, change "ware can be adapted" to -- ware may be adapted --  
Line 25, change "object O is" to -- object O may be --  
Line 28, change "element RSP is made" to -- element RSP may be made --  
Line 30, change "is undertaken" to -- may be undertaken --  
Line 36, change "known methods" to -- conventional methods --  
Line 38, change "design is" to -- design may be --  
Line 39, change "aberrations are" to -- aberrations may be --  
Line 40, change "set-up is more" to -- set-up is more --  
Line 43, change "splitter ST1 can" to -- splitter ST1 may --  
Line 44, change "as is shown" to -- as is illustrated --  
Line 46, change "shown in FIG. 5." to -- illustrated in FIG. 5. --  
Line 50, change "unit SKD is used," to -- unit SKD may be used, --  
Line 51, change " radiation is coupled" to -- radiation may be coupled --  
Line 54, change "T1 is coupled" to -- T1 may be coupled --  
Line 57, change "O is illuminated" to -- O may be illuminated --  
Line 57, change "object surface is imaged" to -- object surface may be imaged --  
Line 59, change "light is coupled" to -- light may be coupled --  
Line 60, change "fiber is then propagated." to -- fiber may be then propagated. --  
Line 61, change " as is applied" to -- as may be applied --  
Line 62, change "and is coupled" to -- and may be coupled --  
Line 65, change "it is uncoupled" to -- it may be uncoupled --

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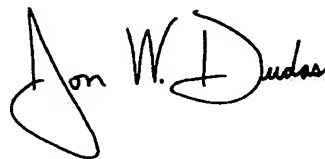
Column 5,

Line 3, change "arm RA is performed here" to -- arm RA may be performed here, --

Line 5, change "arm is changed" to -- arm may be changed --

Signed and Sealed this

Thirty-first Day of May, 2005

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*